

# Notice of Allowability

Application No.

09/829,879

Examiner

Dennis G. Bonshock

Applicant(s)

HUH, SEON

Art Unit

2173

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2-8-05.
2. ☒ The allowed claim(s) is/are 1-5, 7-10 and 12-14.
3. ☒ The drawings filed on 01 March 2004 and 10 April 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____  |

  
**JOHN CABECA**  
SUPERVISORY PATENT EXAMINEE  
TECHNOLOGY CENTER 2100

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:
2. The examiner considered the Applicant's Amendment filed on 2-8-05, and after updated search, no other prior art of record has taught that which was allowed in the first office action.
3. Therefore, amended claims 1-5, 7-10, and 12-14, which placed the previously objected subject matter of claim 11 into the previously rejected claim 1 and further added the subject matter of the independent claims from which they depend into previously objected claims 8, 9, and 10, are allowable.
4. Independent claim 1, when considered as a whole, is allowable over the prior art of record. Specifically the prior art of record fails to clearly teach or support the limitations of storing a location for the lecture to be displayed, an actual size of the lecture, a type of lecture, start location information of each image when at least one lecture is used, the lecture information, size information of the lecture, a start time, and a time when the lecture is deleted.
5. Independent claim 8, when considered as a whole, is allowable over the prior art of record. Specifically the prior art of record fails to clearly teach or support the limitation of the information relating to the lecture file including data and time information, version information, a recognizer, a comment, a start location of the handwritten information, a size of the handwriting information, a start location of the drawing information, a size of the drawing information, a start location of the lecture plan/schedule information, a size of the lecture plan/schedule information, a start

location of the voice information, a size of the voice information, resolution information, information relating to the lecture plan/schedule information, information relating to handwriting information, and information relating to drawing information.

6. Independent claim 9, when considered as a whole, is allowable over the prior art of record. Specifically the prior art of record fails to clearly teach or support the limitation of the information relating to the handwriting information including a stroke record and a pint record, the stroke record including a total number of strokes, a pen thickness, a pen color, a start time of each stroke, an end time of each stroke, a kind of tool, background color information, a total number of points produced in the strokes, and point information indicating a previous stroke and a next stroke, the point record including a time when a point is produced, point location information, event information generated during the lecture recording, and point information indicating a previous point and next point.

7. Independent claim 10, when considered as a whole, is allowable over the prior art of record. Specifically the prior art of record fails to clearly teach or support the limitation of the information relating to the drawing information includes a type of a drawing object, a color of the object, a type of a pen, a thickness of the pen, a brush style, location information and layer information, a free line object of the drawing object including region information having a start point and an end point of the free line, and object ID, a color used when the object is drawn, a color before the object is drawn, a pen thickness of the free line, a total number of points, layer information and location information of a first point, a letter object of the drawing object including location

Art Unit: 2173

information on a character string to be displayed, region information, font information, a size, a color, a background color, a background mode, layer information, character string information to be actually displayed.

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G. Bonshock whose telephone number is (571) 272-4047. The examiner can normally be reached on Monday - Friday, 6:30 a.m. - 4:00 p.m.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

3-22-05  
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